Reply to Efice Action dated November 10, 2004

**Amendments to the Abstract** 

Please replace the abstract of the disclosure with the following amended abstract of the disclosure:

"A fluid injector and method of manufacturing the same. The fluid injector includes comprises a base, a first through hole, a bubble generator, a passivation layer, and a metal layer. The base includes a chamber and a surface. The first through hole communicates with the chamber, and is disposed in the base. The bubble generator is disposed on the surface near the first chamber. located outside the The through hole, and is passivation layer is disposed on the surface. The metal layer second through hole, and is disposed on the а defines passivation layer outside the chamber. The second through hole communicates with the first through hole".